



## **SAFETY DATA SHEET**

### **ApoPercentage Apoptosis Assay Kit**

#### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

##### **1.1 Product identifier**

**Product name** ApoPercentage Apoptosis Assay Kit

##### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Detection and measurement of apoptosis in mammalian, anchorage-dependent cells. Laboratory use only.

##### **1.3 Details of the supplier of the safety data sheet**

**Supplier** Biocolor Limited  
8 Meadowbank Road  
Carrickfergus  
Co Antrim  
United Kingdom  
BT38 8YF  
+44 (0) 28 93350258 (Mon-Fri 08:30-16:30)  
+44 (0) 28 93369716

**Contact person** Gary Elliott

##### **1.4 Emergency telephone number**

**Emergency telephone** +44 (0) 28 93350258 (Mon-Fri 08:30-16:30)

#### **SECTION 2: Hazards identification**

##### **2.1 Classification of the substance or mixture**

**Physical hazards** Not classified

**Health hazards** Not classified

**Environmental hazards** Not classified

##### **2.2 Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

**2.3 Other hazards** None

## ApoPercentage Apoptosis Assay Kit

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

No components need to be disclosed according to the applicable regulations.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

<b>Inhalation</b>	General first aid, rest and fresh air.
<b>Ingestion</b>	Rinse nose and mouth with water.
<b>Skin contact</b>	Wash off with soap and plenty of water.
<b>Eye contact</b>	Flush eyes with water as a precaution.

#### 4.2 Most important symptoms and effects, both acute and delayed

No specific symptoms known.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Water spray, foam, dry powder or carbon dioxide.
<b>Unsuitable extinguishing media</b>	None known.

#### 5.2 Special hazards arising from the substance or mixture

None known.

#### 5.3 Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment</b>	Wear fire/flare resistant/retardant clothing. Wear self-contained breathing apparatus if necessary.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear suitable protective equipment, including gloves, goggles/face shield, boots, clothing or apron, as appropriate. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.
-----------------------------	--

## ApoPercentage Apoptosis Assay Kit

### **6.2 Environmental precautions**

**Environmental precautions**                      Avoid discharge into drains or watercourses.

### **6.3 Methods and materials for containment and cleaning up**

**Methods for cleaning up**                      Keep in suitable closed containers for disposal.

### **6.4 Reference to other sections**

**Reference to other sections**                      For personal protection see section 8. For waste disposal see section 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

**Usage precautions**                              Wear protective clothing, gloves, eye protection. Read and follow manufacturers protocols and recommendations.

**Advice on general occupational hygiene**                      Provide eyewash station. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate hand lotion to prevent cracking of skin.

### **7.2 Conditions for safe storage, including any incompatibilities**

**Storage precautions**                              Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### **7.3 Specific end use(s)**

**Specific end use**                                      The identified end uses for this product are detailed in Section 1.2.

## **SECTION 8: Exposure controls / personal protection**

### **8.1 Control parameters**

**Control parameters**                              Contains no substances with occupational exposure time limits.

### **8.2 Exposure controls**

#### **Protective equipment**



**Appropriate engineering controls**                      General industrial hygiene practice.

## ApoPercentage Apoptosis Assay Kit

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Dye reagent is red, the rest of the components are colourless.
<b>Odour</b>	Odourless.

#### 9.2 Other information

No data available

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2 Chemical Stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3 Possibility of hazardous reactions

**Hazardous reactions** No potentially hazardous reactions known.

#### 10.4 Conditions to avoid

**Conditions to avoid** Keep away from heat, sparks and open flame.

#### 10.5 Incompatible materials

**Materials to avoid** No data available.

#### 10.6 Hazardous decomposition products

**Hazardous decomposition materials** No data available.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

<b>Toxicological effects</b>	No data available.
<b>Inhalation</b>	No data available.
<b>Ingestion</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Eye contact</b>	No data available.

## ApoPercentage Apoptosis Assay Kit

### SECTION 12: Ecological Information

#### 12.1 Toxicity

**Toxicity** The product components are not classified as environmentally hazardous.

#### 12.2 Persistence and degradability

**Persistence and degradability** No data available.

#### 12.3 Bioaccumulative potential

**Bioaccumulative potential** No data available.

#### 12.4 Mobility in soil

**Mobility** No data available.

#### 12.5 Results of PBT and vPvB assessment

**PBT and vPvB** The product does not contain any substances classified as PBT or vPvB.

#### 12.6 Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**General information** Offer surplus and non-recyclable solutions to a licensed disposal company. Dyes should never be disposed of to drains or water courses.

### SECTION 14: Transport information

**General** This product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1 UN number

Not applicable.

#### 14.2 UN proper shipping name

Not applicable.

#### 14.3 Transport hazard class(es)

No transport warning sign required.

## ApoPercentage Apoptosis Assay Kit

### **14.4 Packing group**

Not applicable.

### **14.5 Environmental hazards**

Not environmentally hazardous / marine pollutant.

### **14.6 Special precautions for user**

Not applicable.

### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

## **SECTION 15: Regulatory information**

### **15.1 Safety, health and environmental regulations/legislation fro the substance or mixture**

#### **EU legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### **15.2 Chemical Safety Assessment**

No chemical safety assessment has been carried out.

## **SECTION 16: Other information**

#### **Revision comments**

Revised classification to CLP [Regulation (EC) No 1272/2008, to the 6th ATP] and sds format and content to REACH Annex II 2015 [Commission Regulation (EU) 2015/830].

#### **Revision date**

10/08/2015

#### **Revision**

6